

\*----== ST REPORT INTERNATIONAL ONLINE MAGAZINE ==----\*  
"The Original 16/32bit Online Magazine"

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> 12/13/91: STReport #7.49 The Original 16/32 bit Online Magazine!

- The Editor's Desk - CPU REPORT - LOTUS SHIPS FOR MAC  
- BORLAND DOWN - PHANTOM TYPIST? - SANTA'S HELPERS  
- CODEHEAD & QUICK ST - ARTIFEX CARD - STR Confidential

-\* TOS 2.06 UPGRADE VIA TEC FOR ALL! \*-

-\* MA BELL GETS MESSAGE! \*-

-\* WHISTLEBLOWER BBS ANNOUNCED! \*-

\* HAPPY HOLIDAYS TO ONE AND ALL! \*

ST REPORT INTERNATIONAL ONLINE MAGAZINE  
The \_Number One\_ Online Magazine  
-\* FEATURING \*-

"UP-TO-DATE News and Information"  
Current Events, Original Articles, Hot Tips, and Information  
Hardware - Software - Corporate - R & D - Imports

STReport's support BBS, NODE 350, invites BBS systems, worldwide, to participate in the Fido/F-Net Mail Network. Or, call Node 350 direct at 904-786-4176, and enjoy the excitement of exchanging information relative to the Atari ST computer arena through an excellent International ST Mail Network. All registered F-NET - Crossnet SysOps are welcome to join the STReport Crossnet Conference. The Crossnet Conference Code is #34813, and the "Lead Node" is # 350. All systems are welcome and invited to actively participate. Support Atari Computers; Join Today!

AVAILABLE EXCLUSIVELY ON: GENIE ~ CIS ~ DELPHI ~ BIX ~ FIDO ~ F-NET

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WHAT'S NEW IN THE ATARI FORUMS (December 13)

"HIDDEN" TREASURES...

DO YOU HAVE THIS FILE? Proque replacement desktop (similar to many commercial desktop replacement systems). Proque allows you to designate over 100 programs which can be run from its desktop with a single mouse click. Also includes many useful utilities. File: PROQUE.ARC in Library 4 ("Utilities").

NEW VERSION OF ARCSHELL

Charles Johnson has uploaded his newest version of ARCSHELL, version 3.1, to LIBRARY 4 of the Atari Productivity Forum (GO ATARIPRO). This version has significant new features and supports the latest version of Questor's LHARC utility.

LZH EXTRACTOR

If you've been having trouble with .LZH files reporting errors ("bad CRC"), or even if you haven't ... download the NEW .LZH utility that will work with files compressed with the newest version of LZH. Get L\_201I.LZH from Library 4 in the ATARIPRO Forum.

NEW IN ATARI VENDORS FORUM (GO ATARIVEN)

Now available in LIBRARY 16 from CODEHEAD SOFTWARE -- a textfile and demo version of their exciting new product MIDI-SPY. (Can my ST really play background music while I use my word processor?)

NEW VERSION OF B/STAT AVAILABLE...

Version 2.42 of B/STAT is now available in LIBRARY 5 ("Applications") of the Atari Productivity Forum (GO ATARIPRO). B/STAT is a graphics and statistical analysis program. It requires 1 meg minimum of memory and a double sided drive. It will use GDOS if present but does not require it. B/STAT may not be distributed in FRANCE due to commercial availability.

ATARI PORTFOLIO FORUM (GO APORTFOLIO)

Its finally here! The first test version of PortCIS-- an automatic navigator program for the Portfolio-- is available for testing and comments. See file PRTCIS.ARC now in LIBRARY 1.

The second half of the forum programming marathon has begun. In the first half, we accumulated 87 new files -- almost triple the original estimates! A big thanks to our three marathoners, BJ Gleason, David Stewart, and Don Messerli, and all the other forum members who have participated in the program.

Our intrepid programming marathoners need your help! We need ideas for the team to work on. If you've ever needed custom programming done, you know how expensive it can be. Here's a golden opportunity for you to get custom programs written for free! Please submit any ideas you have to our programmers by posting a message in section 15 \*WISH LIST\*

THE ATARI PORTFOLIO FORUM ON COMPUSERVE  
HAS BEEN DESIGNATED AN  
OFFICIAL SUPPORT SITE BY ATARI CORPORATION

"GO APORTFOLIO TO ACCESS THE ATARI PORTFOLIO FORUM"

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> CPU STATUS REPORT                      LATE BREAKING INDUSTRY-WIDE NEWS  
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Issue #49

Compiled by: Lloyd E. Pulley, Sr.

-- Analysts Says PC Sales to Increase

Despite sluggish holiday retail sales in other areas, Roger Lanctot, research director at Personal Technology Research of Providence, N.J. says that "retail sales of personal computers and peripherals are exploding." He added, "Sales in October were up 50% over last year and early figures indicate that sales kept pace in November."

Lanctot said low prices and good availability are behind the brisk sales, but that another factor has been the poor economy of late.

"A personal computer is an extremely practical gift that can be used to earn extra money or even help hang onto a job," Lanctot said.

-- IBM Develops High-Speed Transistor

IBM has developed a lateral bipolar transistor that has triple the speed of conventional transistors. IBM said the device could be used in high-performance, low-power, compact computers.

IBM attributed the new transistor's speed to a lateral design, which decreases capacitance and resistance.

#### -- IBM Predicts 5-8% Revenue Growth in 1992

A Senior Vice President of IBM said that after the companies 1991 decline, thathe expects the company to post a revenue growth of 5-8% in 1992. However, the same executive noted that Taiwan, Korea and China will probably see double-digit growth in 1992.

#### -- Lotus 1-2-3 Ships for Mac

Lotus 1-2-3 for the Macintosh will be available within two weeks at a suggested retail price of \$495.

1-2-3 for Macintosh features in-cell editing, direct manipulation of worksheet elements and desktop customization. It is also file and macro compatible with other versions of 1-2-3, including DOS, Windows, Unix, VM, VMS and MVS. 1-2-3 for Macintosh can read and write Microsoft Excel sheet files and translate Excel macros.

1-2-3 for Macintosh runs on any Apple Macintosh with a hard disk, 2MB of RAM under System 6.0.4 or later; or 3MB of RAM under System 7.0 or later.

#### -- Telebit Offers Low-Price Upgrades

Telebit has announced a new program called 'Loyalty Pays' where existing customers can buy the new V.32 T3000 modem for \$499 and get an upgrade to Telebit's Packetized Ensemble Protocol (PEP) free.

PEP is a proprietary scheme for dividing a phone line into 511 separate channel, increasing data carrying capacity, especially on poor quality lines.

Models that qualify for the program include the T1000, T2000, Trail-Blazer Plus, T1500, T1600, T2500, T3000, and QBlazer.

The program runs through May 31, after which the T3000's price is due to rise to \$949, with the PEP upgrade costing an additional \$199.

#### -- Quicktime Expansion Available This Month for Mac

Apple Computer Inc. says the new \$195 QuickTime 1.0 extension to the Macintosh System 7 software will be available this month.

QuickTime allows third-party developers to integrate data such as sound, video and animation across all applications. The developer's kit includes software, third-party digitizer components and utilities.

#### -- Magnavox Ships Inexpensive 20-inch Monitor

Providing a real bargain for users needing a combination of high resolution and large screen size, Magnavox has begun shipping a low cost 20-inch SuperVGA monitor

The Magnascan/20 is a Macintosh and IBM standard compatible monitor that will automatically adapt to horizontal scan frequencies ranging from 30 to 64 kilohertz and refresh rates from 50 to 90 times per second. The dot pitch is only 0.31 mm, about average for a 14-inch monitor and impressive in a unit of this size.

The maximum resolution of the new monitor is 1280 by 1024 in non-interlaced mode, making it compatible with VGA (video graphics array), 8514/A, XGA, SuperVGA, and extended VGA modes. The power supply is autosensing and will run on AC voltages between 98 and 264 volts worldwide.

The Magnascan/20, with a list price of under \$2,000, carries a one-year parts and labor warranty, boasts a 50,000 hour MTBF (mean time between failure) rating, which is much higher than the average large screen monitor.

#### -- National Semiconductor Reports 2nd Quarter Profit

National Semiconductor Corp. has reported net earnings of \$5.9 million (\$.03 per share) for the second quarter ended Nov. 24 compared with earnings of \$3.5 million (\$.01) for the same quarter in 1990. The company credited recent efforts to consolidate manufacturing for the boost in profits.

#### -- Borland Stock Tumbles

Following downgrading by two Wall Street analysts, Borland International Inc. shares tumbled this week. After climbing from a 1991 low of \$27.875 Borland's stock had reached a high of \$83.25 last week but dropped \$2.25 on Monday, \$3.75 on Tuesday and \$4.875 on Wednesday.

#### -- Xerox to Cut Workforce by 2,400

Xerox Corp., in an effort to reduce overhead, plans to cut its worldwide workforce by about 2,400 of its approximate 101,000 employees before the middle of 1992. The cuts will be made through normal attrition and both voluntary and involuntary layoffs.

#### --Whistleblower BBS Debuts

Government whistleblowers who spot instances of fraud, waste and abuse have a new way to tattle their tales: a computer bulletin board.

Anyone with a computer and modem can call 202/225-5527 and tell Uncle Sam how his tax dollars are being squandered. Messages, which can be posted anonymously or with a name, can be left any day at any hour. Congressional investigators will read messages daily and check out complaints.

The Whistleblower Bulletin Board allows investigators to keep in contact with the whistleblower. "The most important feature of the board is the ability to receive computer files and messages in an environment that permits continuing communications, while fully protecting the identity of those providing information," said Rep. Bob Wise (D-W.Va.).

Even the private group that provides lawyers for government whistle-blowers who face retribution -- the Government Accountability Project -- approves of the BBS. "I think it's an excellent idea, because most of the mechanisms within the executive branch are not working well," said Louis Clark of the GAP.

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:HOW TO GET YOUR OWN GENIE ACCOUNT:

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To sign up for GENie service:

Set your communications software to Half Duplex (or Local Echo)

Call: (with modem) 800-638-8369.

Upon connection type HHH (RETURN after that).

Wait for the U#= prompt.

Type: XTX99587,CPUREPT then, hit RETURN.

GENie costs only \$4.95 a month for unlimited evening and weekend access to more than 100 services including electronic mail, online encyclopedia, shopping, news, entertainment, single-player games, and bulletin boards on leisure and professional subjects. With many other services, including the biggest collection of files to download and the best online games, for only \$6 per hour.

MONEY BACK GUARANTEE! Any time during your first month of membership if you are not completely satisfied, just ask for your \$4.95 back.

GENie Announcements (FREE)

1. November GENie Billing completed. To review yours, type:...\*BILL
2. Don't Open until December 23, 1991 at 6:00PM.....OAG
3. The Civil War Goes High-Tech.....GENEALOGY
4. RTC+ PRIZES: Discover GEOWORKS- tool for small business.....HOSB
5. Sharing Holiday Gift Ideas.....HOBBY
6. GAME DEMOS....try before you buy.....SCORPIA
7. Special Conference Friday about Bulletin Board Systems.....UNIX
8. Twice a month -- check the GENie Online Newsletter.....GENIEUS
9. 50 YEARS LATER - From Pearl Harbor to Today.....MILITARY
10. Christmas at Disney World and a great deal more check out...\*FLORIDA
11. Mac Users... get answers in RTC from experts in.....MAC
12. Win FREE connect time with the college bowl games.....BOWL
13. New VERY BEST APPLE II Disk Arrives in ----->.....A2
14. Lumeloid & Lepcon -- SOLAR ENERGY BREAKTHROUGH or Mirage....PSRT
15. Science and Technology Issues in the Space and Science RT...SCIENCE

FROM THE ST RT

Join us in welcoming Fair Dinkum Technologies to our ST BB. Two new products are now shipping, Crossword Creator II and Word Search Creator, "perhaps the fastest, easiest to use and most complete puzzle creation utilities ever created for the Atari ST TT". Check out file #21790. Hutch

will be supporting his product in Category 29 (ST and Education) Topic 4.

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> THE FLIP SIDE STR Feature        "... a different viewpoint..."  
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A LITTLE OF THIS, A LITTLE OF THAT  
=====

by Michael Lee

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Some info about the ST Book - From Ed Krimen - Cat. 14, Topic 7, Msg 151  
- from the ST Roundtable on Genie...  
And here's a little info I picked up from Usenet about the ST Book,  
from the designer himself:

Article 3023 (1 more) in comp.sys.atari.st.tech:  
From: trh@atari.uucp (T R Hall)  
Subject: Re: ST Notebook (was Re: help with info)  
Message-ID: <1991Nov19.183749.7331@atari.uucp>  
Date: 19 Nov 91 18:37:49 GMT  
Deferences: <fido\_2\_281/202.12\_2916flbf@linn.fidonet.org>  
<15823@uhccux.uhcc.Hawaii.Edu>  
Organization: Atari Corp., Sunnyvale, CA

jww@uhunix.uhcc.Hawaii.Edu (Jack W. Wine) writes:

1) Was the Notebook ever operated from completely powered-up  
condition to zero power? How long did it last to go to both extremes  
and how did it behave during that time?

Yes, it has; with \*NO\* power management at all, with the Screen  
a highly detailed, dithered image, and with the hard drive  
spinning-up every five minutes and running for a minute [running a  
FlightSimulator Demo, if you want to know]...

The STBook ran for over five hours, before fading away [because  
power management handles Save-and-Resume, it of course didn't  
happen]

With power management, the people at the Shows have been getting 8  
to 10 hours, and I still have a few tricks left to extend the  
power even further (just software, so y'all will have them in good

time)

2) Does the Notebook have a SCSI bus?

No, but the ACSI/FDD (what I call Pseudo-ACSI) connector has all of the ACSI signals, so ACSI-to-SCSI convertors can be used.

3) The 2.9 kg weight includes the weight of the battery pack?

1.9 Kg, actually, and yes, it includes the Nicad-battery pack. The machine is some 200-300 grams lighter with an alkaline pack.

4) Does the case have any mechanical weak points? I read that Toshiba made the Notebook for Atari and was wondering how well they did it.

Toshiba is assembling units for us, but we did the design. The one area I would point to as weak is the cover "clasp" (i.e. that holds the unit closed). The "hinge point" for is is not the strongest, and it doesn't move in quite the way you would expect (i.e. it barely moves at all). This cause excessive force to be used, and the hinge points can break. This is being worked on. It should be noted that the hinge has never been broken by those who knew how it worked; it has always been broken by some #!#!@&\* coming up, grabbing it, and yanking it open, saying some like "Here..Gimme...Lemme See.. Yeah, I know how..."

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The FPU part number from Ken Shafer on Delphi...

The part# for the MSTF FPU is MC68881FN16B. That's a 16 Mhz fpu, with PLCC packaging.

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A thread from CIS about new systems from Atari in 1992 - From Bob Brodie (Atari) on CIS...

Seriously, it's not a real big secret that we have a number of new machines scheduled for 1992. It's going to be a very exciting year, and we look forward to it. I was up in the lab with Greg Pratt, Bill Rehbock and Leonard Tramiel last week and got a glimpse of the future...and I like it a lot.

From Jim Ness on CIS...

The impression I got from the Greg Pratt speech was that new machines would not necessarily replace old machines (to paraphrase: he said that if you view the product line as a triangle, the older machines would continue to trickle toward the bottom as new machines entered at the top).

His analogy was a good one, because it helps control the tendency of people to not buy today's machines, while they wait for tomorrow's. If today's TT remains a viable "mid-triangle" product, while tomorrow's 68040 machine is introduced, it will continue to sell.

At some point, the 1040STE has to get back into Toys-R-US and similar outlets, so you can introduce more people to the bottom of the triangle. However, for that to happen, there have to be lots of games



bundles, and a very very low price.

Reply from Bob Brodie (Atari) on CIS...

I think that you have paraphrased Greg intention quite well. Further, he did say that our goal was for the products to "cycle through" for a period of time. The period of time is a variable...perhaps 3-5 years in my estimation.

That lends credance to his remark that the TT will be the backbone for the next several years, just as the STE is today.

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Have you ever needed to replace your internal SF314 drive? Here's a thread from Delphi that might give you some help. From John Duckworth on Delphi...

I have a quick question for anyone who can help. I need to replace my internal drive on my 1040 STfm. If I could find an Atari SF 314 drive, is it exactly the same as my old internal? In other words, could I just pop it out of the external case and replace my 1040 drive?

Reply from Norm Weirness on Delphi...

Atari used many different manufactuers to make the SF314 and they don't all have the same shaped disc slot. Your best bet is to pickup a new TEAC 3.5" floppy mechanism and use it.

You will find that all the new drives are only 1" high, rather than 1-3/4" like to old one. I have been able to add about 1/4" spacers (or a stack of washers) between the drive and the column supporting it, and the screws were long enough to reach. However, you'll likely have to alter the shape of the slot a bit. Just cut a rectangular opening. The plastic is soft, and the new drives have a wide facing that can fit flush against the inside of the ST case.

The TEAC mechanisms are double-sided - model FD-235F, and high-density - model FD-235HF. It may be impossible to find the old ones, they are all high-density now, but they only cost \$50 or less, and yes they work.

When you open the ST, you will see that there are two connections to the floppy, a small power plug and a 34-pin ribbon cable. The power cable is no problem, but in some models you have to twist the cable a half turn before connecting to the TEAC. Notice the one edge of the cable is colored, usually red, as opposed to the rest, which is gray. That edge is pin 1. Look on the PC board of the floppy, right next to the 34-pin connector, and you should find printing indicating where pins 1 and 2 are (the end furthest from the side plate). Just be sure the red edge of the cable connects at the pin 1 side of the mating one.

Reply from GEORGE CYR on Delphi...

The 1040 ST fm uses a 1/3 height drive I believe, so be sure that whatever drive you use fits that, or maybe you can cut the posts to install a 1/2 height drive. But Be careful. Mine had a Mitsumi 3.5 inch drive 1/3 hgt that was incompatible with the Epson drive in an

SF354 drive. They wouldn't swap out.

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Some CD-ROM information from Bill Rehbock (Atari) - Cat. 14, Topic 28, Msg. 128 - from the ST Roundtable on Genie...

We have done the generic CD-ROM driver that allows any Sony CDU-541 compliant (I'm using an Apple CD ROM right now) CD ROM drive to be used with the TT via SCSI. To get all 8 bits of a SCSI command byte out ACSI, you need an ICD host adapter and a slightly modified CD ROM driver that shuffles the command byte across ACSI to the ICD H/A. We are working with ICD to make sure this becomes a reality quicklky.

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Some Flash/STalker information from Dan McNamee (Atari) - Cat. 17, Topic 3, Msg. 41 - from the ST Roundtable on Genie...

The reason that Flash doesn't have problems at higher speeds while Stalker does is that Flash has it's own custom RS232 routines that go directly to the serial port hardware, which can be a bad thing if anything there ever changes.

Stalker, on the other hand uses standard GEM calls which, while slower, will always work. Since it is using GEM calls, the more TSRs and ACCs you have loaded, the slower the system gets, the faster the buffer fills and overflows and therefore the more characters lost.

So if you are running at 9600, set it to use RTS/CTS (or both, which is what I use) and only have AUXINIT active in the auto folder, and only STalker (an maybe STeno) as accessories. On a TT or an accelerated ST you might be able to get by with more.

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Some misc. information from Bob Brodie (Atari) - Cat. 14, Topic 14, Msg. 177 - from the ST Roundtable on Genie...

Yes, the Mega STE-1 exists. Make sure that your dealer knows that you want to put in your own hard disk, so he gets the kit for you. Also, the disk in the Mega STE is a 3-1/2" mechansim. Make sure that you've got the same size of unit.

The difference between a 1040STE and a Mega STE are significant. On a Mega STE you get a detachable keyboard (very nice one, too!) a LAN port, (works great with the Universal Network!), multiple serial ports, a VME Slot, and the New Desk top. The New Desk top is a major improvment over the old desktop, giving many more features, and adding a lot of functionality to the system.

On the Mega STE, ram upgrades are very easy, as are hard disk upgrades. Just open the hard disk bay, and you have access to SIMMS, hard disk, etc. No more taking apart the machine. :-)

And of course, the Mega STE runs at 16Mhz with a 16k cache. Not too shabby at all. You can also slow it down to a true 8 Mhz to run timing sensitive software, like Spectrum 512.

The 1040 STE does NOT have a VME slot.

Among the products that take advantage of the VME slot specifically for Atari computers are a number of graphics cards. These cards will allow you to run in enhanced color modes, like 800x600 with 256 colors. There is a catalog put out by the VME Trade Association (VITA) that list over 3,000 VME cards. The functionality of the cards varies from additional serial cards, to ram boards, to graphics cards, HPIB interfaces, and on.

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DeskJet Upgrade info from G.HAUER - Cat. 4, Topic 3, Msg. 22 - from the ST Roundtable on Genie...

Here's the "official" info I took from an HP upgrade brochure I called for:

Upgrade for DeskJet 500 :	\$450
DeskJet Plus:	550
DeskJet	550

All upgrades require that you send your machine to HP. They DON'T upgrade your machine. Instead, they send you the new DeskJet 500C, which is fully IBM compatible. (The DeskWriter C is for Apple folk.)

For more information, call HP at (800) 752-0900. (That number may refer you to another number -- I can't remember. It's been a few weeks since I called for the brochure.) The mailing includes all the paperwork for upgrading to the 500C.

Soooo, for me the question is -- as always -- now or later? Should I take the upgrade route while it's available ('though HP has a reputation for long-term upgrade availability) or should I wait until the street price gets low enough for me to have two of the critters?

For anyone at HP reading this: it would be wonderful if the brochure included an actual printed sheet for the 500C.

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Some Good News and Bad News from ERSOFF on Delphi...

Good News and Bad News .....

KEYBOARD MAGAZINE is giving away \$30,000.00 worth of Atari gear (TT, STe, Mega STe, MIDI stuff, Hard Disk Digital Recorder by Hybrid Arts, software, etc.) in the January 1992 edition.

And now the Bad News .....

The drawing won't be until 10-31-92 (according to the contest rules in the magazine... oh well)

Good Luck Everyone !!!!!!!!!

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Until next week.....

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# IMPORTANT NOTICE!

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As a reader of STReport International Online Magazine, you are entitled to take advantage of a special DELPHI membership offer. For only \$29.95 (\$20 off the standard membership price!), you will receive a lifetime subscription to DELPHI, a copy of the 500-page DELPHI: THE OFFICIAL GUIDE and over \$14 worth of free time.

NOTE: Special offers can be found in your favorite Atari magazines:

START	CURRENT NOTES	ST INFORMER
ATARI INTERFACE MAGAZINE		

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3. At the Password prompt enter STREPORT.

For more information, call DELPHI Member Services at 1-800-544-4005, or at 617-491-3393 from within Massachusetts or from outside the U.S.

DELPHI is a service of General Videotex Corporation of Cambridge, Mass.

## SPECIAL ANNOUNCEMENT

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Beginning September 1, 1990, DELPHI will begin offering a new plan that will save you money! The new plan is called the 20/20 Advantage Plan and it features 20 hours online for just \$20 a month! The \$20 is a monthly fee that covers your first 20 hours online via direct dial into one of DELPHI's two direct-access lines, or via a special Tymnet 20/20 Access code. It also gets you additional hours at just \$1.20 per hour. And you get free access to several services on DELPHI as part of the Advantage Perks.

Other telecom services may have additional charges. Canadian Tymnet users have an additional telecom charge. Office Time access (7 a.m. to 7 p.m., weekdays) may have an additional charge. And of course, other restrictions may apply. But this is still an amazing deal!

For more information, contact DELPHI at 1-800-544-4005 and ask for Member Services.

DELPHI- It's getting better all the time!

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> Ma BELL STR Spotlight                      Ma Bell is a MEAN MUTHA!  
=====

ABOUT THE C & P BELL MEETING  
=====

by Neil Bradley

Compuserve 72337,146  
BBS (804) 464-4994  
(14.4K Dual-standard HST)  
"FNET" node 564.

A few observations of my own from last Thursday's meeting with C&P telephone. As I said before, the C&P reps expected about 20-25 people. When they arrived, there were well over 200 people. The reps were quite amazed to say the least.

THE MEETING WAS CONDUCTED AS FOLLOWS:

The host (a FidoNet Sysop) introduced the "speakers".

The speakers were;

- 1) 2 Reps from C&P, the Vice President in charge of Business Accounts and The president of the Norfolk Va C&P office. The VP was the one that sent the letter.
- 2) 5 other sysops of local bbs'. Three were "fidonet" sysops, one was a "PAY" bbs sysop, and one was a local non-networked bbs sysop.

Each principle speaker was introduced and invited to give a 5 minute speech on what he/she wanted to say. C&P was first.

The first speaker was the C&P president. He talked briefly about what the contents of the letter was about. The letter was sent to 15 local sysops after C&P received an "anonymyous tip" that BBS's were running a business, and a list of 15 boards was enclosed in the letter. That prompted the letter to be written to 13 of the BBS's. (The other two were not in operation anymore).

The speaker then went on to say that "We are not out to cut out the little guy, or to force people to shut down. Additionally, the Newspaper article had several inaccuracies in it. According to my computations, MOST of the local BBS operators will pay perhaps \$3-\$5 more than what they are paying now. In fact, a large number of you probably would pay LESS!" He then stated that he expected 20-25 people, as all he brought were 25

copies of the rate comparison charts between Business & Commercial Rates.

The president then stated that the reason C&P was there was to "find out information" about what is going on. He stated that both himself and the VP that were there HAD NEVER used a bbs, and were ignorant of what was going on. He said that several Sysops had contacted him and that his knowledge was growing. He then asked for some information from the crowds. "I want to know what is going on, and who is here." He called for shows of hands of people.

(The numbers I give here are MY OWN estimates from what I saw.  
I have no idea what numbers he wrote down.)

"How many people here are Sysops?" ~ 200 (95%+ of the people)  
"How many people here use BBS's?" ~ 250 (100% of the people)  
"How many of the Sysops here have 2 or less phone lines?" ~ 200 (95%)  
"How many of the Sysops here have 3-5 lines?" ~ 10-20 (2%)  
"How many of the Sysops here have 6+ lines?" ~ 2-4 (1%)  
"How many of the Sysops charge NO FEE for their BBS?" ~ 200 (95%+)

He then stated "These numbers are very interesting, thank you". The VP came up and talked about why he did not return all the phone calls he has received. He stated that there were just too many, and they were all asking the same thing. He apologized and said that he would be contacting several BBS sysops and request that they put all the info he gives them on their boards for further dissemination.

The audience was then handed 3x5 cards and told to put down any question that they may have for the panel (C&P), and that the questions would be asked by the host later in the session. (Just about everyone returned a card to the moderator!)

The next speaker was one of the FIDOnet sysops, who discussed about the users he has, how many calls he receives, the FIDOnet network system operation, etc. He ended up by saying that if the business rates were given to him, he would shut down.

The next speaker was another FIDOnet sysop, who is the "lead" of the "Handicapped Echo" message base. He went on at great lengths about how the BBS and the FIDOnet "brought him out of his hole" that he was in because of his handicap. He talked about several people that met through the BBS's, including a White Male/Black female who were quite surprised when they met face to face, and then realized that race didn't really mean that much after all! He finished by saying that if they charge him business rates, even that small increase in costs could force him to shut down, which would deny him the "livelihood" of his existence and contact with the outside world.

The following speaker was a sysop of a multi-line PAY bbs. He said that he received the letter, and immediately took advantage of the REDUCTION in costs of his phone bill. Because his board does NOT network and generate outgoing calls, he could reduce all the phone lines to the very cheapest business rate, even cheaper than what he pays for now.

The next speaker was the last FIDOnet Sysop, and he expressed his concern that if C&P classified his BBS as a "business" for phone rate purposes, he wondered if that would generate a listing in the business section of the local phone book. C&P replied that it would. He then asked how did the local city governments determine what a business was? One way

for sure was to LOOK IN THE PHONE BOOK! That means, if his BBS was listed in the phone book, the city government would then get involved and try to make him get a Business Licence, and pay Business Taxes! He then stated that, according to local laws, if a business lost money three years in a row, the city could classify it as a "hobby"! What would C&P say then? The speaker then asked the crowd "How many of you LOOSE money on your bbs?" Just about everyone held up their hands and then clapped. The speaker told C&P that if he was changed to business, he would NOT continue as there was NO WAY he could afford to pay business taxes and get a business license.

The final speaker was a non-networking 2-line BBS that generates the local "Free BBS List". The requirements to get on this list are simple: All BBS's belonging to the list have to 1) Charge NO FEES to get FULL access to the bbs, and 2) Display on their opening screen that they are a member of the --FBBS-- list. He talked about his user base and the fact that he has over 1000 ACTIVE users (Active on his bbs being that the user calls at least once every 45 days). He said that he personally runs a computer business, and that he has a bbs IN his business that he pays business phone rates for! He said that his bbs in his house had nothing to do with his business. He then went on about how could the Phone Company determine what a business was on the BBS except to get on the bbs and SEE! The USE of the BBS was what should determine what the rate was, not the fact that there was a bbs or a modem on it! (the audience clapped and cheered at this point).

There was about a 5 minute break at this point.

After the break, the moderator told the crowd that due to time constraints, there would be only 3 people from the audience allowed to speak and they would be limited to 2 minutes each. After that, the moderator would read some questions from the numerous cards. He said that all the cards would be given to the C&P representative, and their answers would be made available on the local bbs's here.

The three speakers were all from local computer groups, and they all basically said that the loss of the bbs's would be a detriment to the industry and hobby as a whole.

After the 3rd speaker was finished, the President of Norfolk C&P stood up and stated that "I am suspending all further action on this matter pending more research." At that point, the president was given a 2-3 minute standing ovation from the crowd. He further said that, "I will have the VP contact each of the sysops that received a letter in order to arrange switching back to their previous service without charge".

The moderator then read several of the questions from the cards he received. One was from a 16-year old Sysop asking how could he be running a business on his C-64, he didn't even really know how to run one!

At that point, the meeting was forced to end due to the closing of the meeting room (in the public Library).

The moderator and C&P representatives both stated that they would be working with the local sysops on this subject, and that all would be kept informed. Additionally, the President of the Norfolk C&P was offered and accepted the use of a modem to hook up to his computer to use! He would then call several of the local BBS's to see for himself what is going on!

=====

#### AUTHORS COMMENTS.

1. I will be receiving a verbatim transcript of the meeting from another bbs later this week. I did NOT take notes, so all the above is from my memory, and there very well could be inaccuracies in what I am reporting.

Please do not take all the quotes as exact until I get the transcript. I submitted this article now as I feel that people want to know what I remember hearing, and the impact of the meeting.

2. The way I see it, the two big impacts on this are;

A.Business licenses - how would this fit in?

B.Fidonet/other "Networking" boards. They are the hardest hit. The business rate for 'unlimited local calls' is ~\$55.00/month compared to ~\$20.00/month. Boards that do NO networking, or only call out long distance would SAVE money, as the 'measured' rate for a business is ~\$18.

C.The determination of what is a "business" and how does the telephone company qualify what a "business" is.

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> CODEHEAD NEWS! STR Support \* BLOCKBUSTER NEWS FROM THE CODEHEADS!! \*  
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For immediate release  
CodeHeadQuarters  
Thursday, December 12, 1991

CODEHEAD TO TAKE OVER QUICK ST SUPPORT!

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#### NEWSFLASH!

As of January 1, 1992, CodeHead Software will be taking over worldwide development and distribution of the popular Quick ST 3.0 software accelerator!

Darek Mihocka, the original creator of Quick ST, is selling the flagship product of Branch Always Software in order to spend more time developing a PC based Atari ST emulator.



According to Darek, "The response to my emulator demo at the Chicago Atarifest was very positive. In order to bring the emulator to market in a timely fashion, it became clear that I couldn't do that while at the same time trying to develop new versions of Quick ST. Both products would ultimately suffer. In the capable hands of CodeHead Software, Quick ST will continue to exist and be improved upon, and ST and TT users can look forward to a long life for the product that speeds up their machines. It's a win-win situation for everyone."

Quick ST 3 is a program that intercepts GEM's screen output routines, and replaces them with highly optimized assembly language code that is much faster. Windows pop open, graphics appear instantly, text zaps onto the screen at high speed, and everything you do with your computer takes less time. It's an indispensable utility for all owners of Atari computers, since the built-in screen output routines are written in slow, inefficient C code.

CodeHead Software is well-known for their line of utility and productivity solutions (and now graphics software as well), and Quick ST is a logical extension of that line. Charles F. Johnson, co-owner of CodeHead, said, "We're quite excited about Quick ST, and are looking forward to supporting this excellent product; and since we've purchased the source code, you can also look forward to further development of the program." Quick ST is now the only US-made screen accelerator that is still being actively supported.

CodeHead will also be handling updates from older versions of Quick ST. You can upgrade to the latest version by returning your original Quick ST 2.x master disk to CodeHead Software along with a check or money order for \$20. Owners of Softrek's Turbo ST (any version) may also upgrade to Quick ST 3 by sending in your Turbo ST master disk and \$20.00.

The retail price of Quick ST 3 is \$34.95; to order, contact your local dealer or call the CodeHead order desk at 213-386-5735. Mastercard, Visa, and American Express accepted.

\*\*\*\*\*

A BRAND NEW COMPUTER FOR \$140 --  
CODEHEAD ANNOUNCES THE TOS EXTENSION CARD!  
-----

How would you like to have a BRAND NEW COMPUTER, with system software that makes it the equal of anything else on the market ... for less than \$140?

Well, now you CAN!

CodeHead Software is proud to announce the TEC -- the TOS Extension Card! This amazing little circuit board, developed by Germany's Artifex, allows you to use the very latest version of Atari TOS (2.06) in your existing 520ST, 1040ST, or Mega ST!

That's right! Now, you can have the same excellent new system software

that owners of Mega STes and TT030s are enjoying, without spending megabucks for a whole new computer system. In fact, the price for this upgrade, including the board, is only a little bit more than the price to upgrade from TOS 1.0 to TOS 1.4!

The TEC is a tiny card that will fit in ANY model of ST computer, regardless of design. It is compatible with existing upgrades, such as monitor interface boards or processor cache cards. The low price includes the ROMs containing TOS 2.06 -- and there sure are lots and lots of new goodies in those little chips!

#### What TOS 2.06 Can Do for You

-----

TOS 2.06 is a MAJOR upgrade to the ST's operating system; it's a vastly more significant upgrade than from TOS 1.0 to TOS 1.4 (Rainbow TOS). The most noticeable change is the new desktop, which has many of the features of the popular commercial alternate desktops (and some unique features too!), but with two BIG advantages: it does not use large amounts of RAM, and it does not need to be loaded from disk.

Some of the features of the TOS 2.06 desktop:

- o Programs, files, and folders can be placed directly on the desktop and started with a double click.
- o Up to 20 programs or documents can be assigned to the ST's function keys and started with a single keypress.
- o Data files can be "dragged" and dropped on program files, which starts the program and automatically loads the document! Some programs even support multiple document files in this manner.
- o Each file on your disk can have its own unique icon, or you can use a common icon type for each type of file. New icons can be created and added to the system.
- o Keyboard commands for almost everything! And not only can you control the new desktop with the keyboard (as well as the mouse), you can also redefine any of the key commands to suit your own tastes!
- o A powerful file search function, that lets you find and select files that match your specified criteria.
- o Window management is considerably enhanced; scrolling has been sped up, and selected files can remain selected even if you scroll the window to a different area of the file list.
- o Up to seven desktop windows can be open at once, and you can open directory windows with simple key presses -- even change a window to show a different drive without closing and reopening it.
- o The "View" menu now has an "unsorted" option, for showing the actual order of files and folders in a directory.
- o Any character in the "upper half" of the ST's font can be typed in by holding the Alternate key and typing its ASCII number on the numeric keypad.

- o Many of the special functions of the desktop (like copying, renaming, etc.) can now operate in "batch mode", to let you quickly rename or show info for a group of selected files, for example.
- o The bootup sequence now includes a graphic display of the Atari Fuji logo, and a memory test, and a configurable bootup delay that allows hard drives time to power up. It's also possible to bypass the AUTO folder entirely by holding Control during bootup.
- o Internal changes in the TOS program code result in very noticeable performance improvements in many areas.
- o ...and of course, lots more. This list barely shows the tip of the iceberg, in fact.

#### The TOS Extension Card

Because the new TOS 2.06 is located at a different address and requires more space in the ROMs, you can't simply pull out your old ROMs and plug in the new ones. This is where the TEC comes in!

The TOS Extension Card can be installed in any model of ST within minutes. Its size is a mere 2.5" x 2.5", and its unique design allows it to be placed almost anywhere inside the case of the computer. This means that it will even work if you have a hardware accelerator, MS-DOS emulator, or graphic card already installed. Some simple soldering is required to install the base model of the TEC; any authorized dealer should be able to handle it easily.

There are also two other configurations of the TEC that are 100% plug-in solutions, requiring no soldering:

- o The TECbridge BUS card, which plugs into the processor bus of the Mega ST.
- o The TECbridge CPU, for computers which have socketed 68000 chips. This option plugs into the CPU socket, and requires that there be enough room above the CPU within the case.

#### The Price

The retail price of the TOS Extension Card is \$139.00. This price includes the TEC board, Atari's official TOS 2.06 ROMs, a disk containing the official Atari system utilities (including the new XCONTROL Control Panel), and a manual describing the installation of the TEC and the new features of TOS 2.06. The TECbridge BUS and TECbridge CPU options are priced at \$155.00.

The TEC will begin shipping on January 10, 1992 (maybe even sooner, depending on how long it takes to translate the manual); advance orders are being accepted now. Of course, we won't charge your credit card or cash your check until your order has been shipped. To place an advance order for the TEC, call the CodeHead order desk at 213-386-5735. Mastercard, Visa, and American Express accepted.

Los Angeles, CA 90004

Tel 213-386-5735

Fax 213-386-5789

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> STR Portfolio News & Information  
=====

Keeping up to date...

THE ATARI PORTFOLIO FORUM  
=====

On CompuServe

by Don Messerli 72500,1671

The underlying theme in the forum for November and December is the programming marathon. As the original three programmers: BJ Gleason, Don Messerli, and Dave Stewart uploaded a program a day between them, a momentum began to build. Many programmers and creative forum members have uploaded programs, text files, pictures, and animations.

The marathon has been a tremendous success. However, as they come into the home stretch, our faithful marathoners need your help to get them to the finish line. THEY NEED IDEAS. Many great ideas have been submitted. Of course, not all can be done in short order. Rest assured, these "more involved" programs will probably be completed after the marathon is over. So, let's hear your ideas and wishes for Portfolio programs. Don't let the marathoners "hit the wall".

The much anticipated PortCIS Compuserve Navigator has arrived. Jim Ness has written a communications program that logs onto CompuServe, reads your mail (or the mail you specify), and captures the descriptions of any new files in the libraries automatically. This is all controlled by a script that you write using a simple scripting language. An example script is included to get you up and going. This program, besides from being very useful, has accomplished a couple of firsts in the forum. It is the first full application written in PowerBASIC, which was recently released. Jim also sought out and received quite a bit of user feedback in the Message area BEFORE the program was released.

This is a good example of how Portfolio users can influence the products they will ultimately use by dropping in on the Message section on CompuServe.

A largely untapped source of programs for the Portfolio is BASIC programs written for other computers. PBASIC is the most popular public domain program for the Portfolio. PowerBASIC brings the power of a compiler to the scene. Programs written in BASIC for other computers are



HAUG\*  
3911 W Crestview  
Huntsville AL 35816

Levin Soule (205) 534-1815  
BBS (205) 722-0900

ARIZONA (Sorted by ZIP code)

NPAC\*  
PO Box 36364  
Phoenix AZ 85067

Paul Parks (602) 278-2375

SVAC  
PO Box 662  
Chandler AZ 85224

Tim Barr (602) 821-1200  
Meetings: 3rd Sat., 10 AM  
3234 S. Fair Lane, Tempe AZ

AIM newsletter participant

TAC\*  
1426 W Kilburn Rd  
Tucson AZ 85705-9232

Ray Waters (602) 887-4196

ARKANSAS

LRAA\*  
28 John Hancock Cir  
Jacksonville AR 72076

Keith Steensma (501) 985-2131

CALIFORNIA (Sorted by ZIP code)

(ZIP codes 90000-90999):

ICE  
PO Box 5085  
Two Harbors CA 90704

William D. Peterson (213) 510-1807

Atari ST support  
Meetings: 2nd Wed., 8 PM

LBACE\*

PO Box 92812

Long Beach CA 90809-2812

Lee Curtis (213) 423-2758

(ZIP codes 91000-91999):

HACKS\*

249 North Brand Blvd #321

Glendale CA 91206

John King Tarpinian (818) 246-7286

SCVACE

19449 Nadal St

Canyon Country CA 91351

Mark Ostrove (805) 252-6881

8-bit meeting on 1st Thursday, 16-bit meeting on 3rd Thursday

AAUG\*

PO Box 1433

Upland CA 91786-1433

Todd Bane (714) 737-4329

BBS (714) 625-4251

(ZIP codes 92000-92999):

San Diego ST Users Workshop\*

902 Nolan Way

Chula Vista CA 92011

Chester Edwards (619) 224-5090

ERACE\*

1906 Avineda Del Diablo

Escondido CA 92025

Gary Martin (619) 489-9872

SDACE\*

PO Box 900076

San Diego CA 92120

Mike Bergman (619) 558-7866

BBS (619) 558-7866

The Desert Atarians

47-800 Madison St #53  
Indio CA 92201

Lee Ellis (619) 342-1600  
BBS (619) 342-1647

Pass Area ST Enthusiasts\*  
1145 West Westward  
Banning CA 92220

Steve Miller (714) 849-7927

AUGIE\*  
3905 N Lugo Ave  
San Bernardino CA 92404

Cajon Computer Club\*  
639 W 36th St  
San Bernardino CA 92405

Tim Adams (714) 882-6784

ACAOC  
PO Box 9419  
Fountain Valley CA 92708

Larry Weinheimer (714) 969-9053  
BBS (714) 778-1228

Meetings : 2nd Sunday at 1:00 P.M.  
Fellowship Room of the North Orange Christian Church  
16561 Lincoln Avenue (between Tustin Ave. & Orange-Olive Rd.)

CompuServe contact : Rick Meredith [76157,30]  
GEnie address: TOPNOTCH

BBS (714) 778-1228

NOCCC ST-Sig\*  
3852 Balsa  
Irvine CA 92714

Dain Leese (714) 552-5185

(ZIP codes 93000-93999):

RAM of Ventura County\*  
PO Box 112  
Camarillo CA 93011

Tim McCoy (805) 482-4788  
BBS (805) 987-6985



SBACE\*

PO Box 3678

Santa Barbara CA 93130-3678

Avery Galbraith (805) 687-1075

Bakersfield ACE\*

PO Box 40203

Bakersfield CA 93308

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Atari Federation\*

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Vanderberg AFB CA 93437

Chester Hadely (805) 733-4177

SMLACE\*

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Orcutt CA 93457-2286

Eric A. Daniels (805) 929-3296

AVACE\*

PO Box 512

Palmdale CA 93590

(805) 945-9780

BBS (805) 723-0093

SVACE

672 E Romie Ln

Salinas CA 93901

President: Gary Klugman [70277,1000]

Meetings : 1st Tuesday of each month

Salinas Community Center, 7:30 P.M.

BitStream BBS (408) 449-2150

(ZIP codes 94000-94999):

ABACUS

PO Box 22212

San Francisco CA 94122

Roger Sinasohn (415) 337-9534

Meetings: 1st Saturday, 10 A.M. Atari 8-bit, 11 A.M.

General, Noon Atari ST

Membership: \$20/yr full membership or \$15/yr BBS/newsletter.

SLCC  
PO Box 1506  
San Leandro CA 94577-0374

President: Bob Barton  
Meetings 1st Tuesday, ST SIG 2nd Monday  
Newsletter : SLCC Journal (monthly)  
Member Dues: \$20/yr  
Key System 8-bit BBS (415) 352-5528, Stu's Place ST BBS (415) 782-4023

CompuServe contact: Bob Wooley [75126,3446]

(ZIP codes 95000-95999):

Atari Users Group Of South Santa Clara County  
52222 Carryback Ave  
San Jose CA 95111

Ron Reade (408) 225-7162

Meetings 2nd Wed at San Jose Computer

BBS (408) 848-6032 Atari ST support

ST ACE of Sonoma County\*  
PO Box 4916  
Santa Rosa CA 95402

Hal Anderson (707) 542-1745

ACCESS  
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Sacramento CA 95812-1354

President: Mark O'Connell  
All Atari 8-bit user group

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FRAUG\*  
3012 Rockborough Ct  
Fort Collins CO 80525

Jerry Belfor (303) 223-2604  
BBS (303) 223-1297

Pikes Peek and Poke ACE\*  
PO Box 17779  
Colorado Springs CO 80935-7779

Rick Reaser

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AUGOGH

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Windsor Locks CT 06096-0289

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GENie W.A.MIDYETTE

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BBS (203) 871-0696

STAUS\*

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E Hartford CT 06180

Brian Rufini (203) 289-7903

FCACE\*

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Paula Burton (203) 452-1716

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BBS (203) 421-4861

DELAWARE

CDACC\*

PO Box 545

Camden DE 19934

Tom Baldwin (302) 678-9411

FLORIDA (Sorted by ZIP code)

ST J.A.U.G./J.A.C.E.\*

c/o R.F. Mariano

PO Box 6672

Jacksonville, FL 32205-6672

904-783-3319

The Bounty ST BBS 12-19.2 bps 904-786-4176 24hrs.

Meetings: EO Monday 7:00pm - 10:00pm

ABLE

c/o Hadley Nelson  
PO Box 1172  
Winter Park FL 32790

PACE  
12500 Ulmerton Rd Lot 196  
Largo FL 34644

President: Joan Raia  
Meetings: 1st Saturday, 2 P.M., Largo Public Library, 351 E. Bay Dr.  
Dues: \$10/yr per family

Hacker's Zone BBS (813) 584-2425, Tut's BBS (813) 797-8449

Newsletter: The PACEsetter  
4663 60th Street North  
Kenneth City FL 33709

#### GEORGIA

MGAUG\*  
c/o Pete Miller  
115 Feagin Mill Rd  
Warner Robins GA 31088

(912) 328-8758

#### IDAHO (Sorted by ZIP code)

RACE  
301 Birch St  
Mountain Home ID 83647

Meetings: 3rd Tuesday, 7 P.M.-Pizza Express

Carson Walden (208) 587-7476  
Dues: \$10/yr w/1 free PD disk

Rattlesnake STation BBS (208) 587-7603

BAUG  
c/o Frank Chan  
3073 S Riba Ridge Way  
Boise ID 83709

(208) 376-5603  
BBS (208) 362-2243

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SCA\*  
c/o Alvin Riesbeck  
PO Box 7226

Roselle IL 60172

(708) 985-0693  
BBS (708) 231-7227

ClAUG North

Meetings: Wright College, 3400 N Austin Ave, Chicago IL 60634  
3rd Saturday, 11 A.M.  
BBS: (312) 889-1340

ClAUG South

Meetings: Daley College, 5830 W 95th St, Oak Lawn IL 60645  
4th Saturday, 11 A.M.  
BBS: (312) 422-4476

ClAUG

PO Box 66583  
AMF O'Hare IL 60666-0583

President: Gerry Fied

(See ClAUG North and ClAUG South above for more information)

LCACE

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Waukegan IL 60079-8788

(312) 623-3815  
Python BBS (312) 680-5105

Dues: \$20/yr per family

Meetings: 2nd Saturday, 11 A.M.  
Warren-Newport Public Library, 244 O'Plains Road, Gurnee, IL

Newsletter : LCACE News Journal

GAUG\*

c/o Michael Burkley  
PO Box 55  
Viola IL 61486

(309) 596-4152

ST Information Group\*

c/o Joe Lambert  
1116 Woodlawn Ct  
Pekin IL 61554

CIAUG\*

c/o Robert Handley  
1920 E Croxton Ave  
Bloomington IL 61701-5702

(309) 828-4661

EAUG\*

c/o Hank Vize  
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Alton IL 62002

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BBS (618) 254-6077

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ASCII

c/o Dan Ward  
1752 Alimingo Dr  
Indianapolis IN 46260

(317) 254-0031  
ST Archive BBS (317) 353-9326

GEnie contact: D.WARD10

BLAST

c/o Bill Loring  
PO Box 1111  
Bloomington IN 47402

(812) 336-8103  
BBS (812) 332-0573

GEnie contact: W.LORING1

CRAG\*

c/o Jeff Coe  
PO Box 10995  
Merrillville IN 46411-0995

IOWA

Midwest Atari Group-Iowa Chapter\*

c/o Gordie Meyer  
PO Box 1982  
Ames IA 50010

(515) 232-1252

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FLAG\*

PO Box 3233  
Fort Leavenworth KS 66027

LACC\*  
PO Box 1415  
Lawrence KS 66044

Robert Drake (913) 842-5961

Midwest ST Atari Resource\*  
c/o Gary Leach  
7213 Mastin  
Merriam KS 66203

WACE\*  
c/o Marilyn Merica  
501 Trotter  
Maize KS 67101

(316) 722-1078

#### KENTUCKY

AEL  
PO Box 34183  
Louisville KY 40232

President: William "Doug" Lampert

Atari Scene! BBS (502) 456-4292

Dues: \$20/yr per family  
Newsletter: \$3.50/yr w/membership (mailed), \$8.75/yr non member mailed

Meetings: 2nd Saturday, 11:30 A.M.  
Central Jefferson County Government Center  
7201 Outer Loop

DC (8-bit) Sig meetings 1st Wednesday, 7:30 P.M., Leader: Rich Link

ASTRO (ST) Sig meetings 4th Wednesday, 7:30 P.M., Leader: Jan Wilt

Location for DC & ASTRO Sigs: Bon Air Library  
2816 Del Rio Place

#### LOUISIANA

NOACE  
c/o Dave Porter  
PO Box 73236  
Metairie LA 70033

(504) 887-7505

MARYLAND (Sorted by ZIP code)

MAST\*

c/o Bob Johnson  
1616B Forrest Avenue  
Ft Meade MD 20755

AURA\*

PO Box 7761  
Silver Spring MD 20910

Steve Duggan (301) 890-3889

Maryland Atari Computer Club\*

c/o James Hill  
8591 Wheatfield Way  
Ellicott City MD 21043

(301) 461-7556

Frederick Atari Computer Enthusiasts\*

c/o Buddy Smallwood  
923 N Market Street  
Frederick MD 21701

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WMAUG\*

c/o David Scarpa  
285-A Gates Street  
Palmer MA 01069-9617

BBS (413) 589-1382

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c/o Ray Wallace  
PO Box 456  
Maynard MA 01754

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BACS\*

1 Center Plaza  
Boston MA 02108

Jerry Feldman (617) 244-3025

BBS (617) 396-4607

SSAG\*

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Boston MA 02136



Norman Boucher (617) 361-0590

NAACC  
c/o Computer Zone  
28 E Washington St  
N Attleboro MA 02760

Contacts: Joe Heroux/Secretary (508) 533-2619  
Genie address: JOE.HEROUX  
Bob Levetin/President (508) 699-0430

Meetings last Tuesday except July and December at the Computer Zone on  
Route 1 in North Attleboro.

MICHIGAN (Sorted by ZIP code)

MACE  
PO Box 2785  
Southfield MI 48037

President: Ed Hanson (313) 675-0044

Meetings 3rd Tuesday, 7:30 P.M. at:  
Southfield Civic Center, Evergreen & 10 1/2 Mile Rd

MAGIC\*  
c/o Mike Lechkun  
4801 Martin Rd  
Warren MI 48092-3491

BBS (313) 978-7363

Great Lakes Atari ST Support\*  
c/o Byron Johnson  
PO Box 99737  
Troy MI 48099

CHAOS  
PO Box 16132  
Lansing MI 48901

President: Leo Sell  
BBS (517) 394-6852

Meetings 3rd Saturday, 10 A.M. at Capitol Federal, 250 E. Saginaw

STING\*  
c/o Ron Schultheis  
PO Box 321  
Marne MI 49435-0321

MINNESOTA

SPACE  
PO Box 120016  
New Brighton MN 55112

President: Nathan Block

BBS (612) 488-5973

Meetings 2nd Friday, 7:30 P.M. at Falcon Heights Community Center, 2077  
W. Larpenster.

MISSISSIPPI

CAAUG  
c/o Lowen Overby  
PO Box 5098  
Biloxi MS 39534

(601) 388-1515

MISSOURI (Sorted by ZIP code)

ACE St. Louis\*  
PO Box 6783  
St. Louis MO 63144

Joan Ryan (314) 645-6431

KCAC  
7837B Wornall Rd  
Kansas City MO 64114

(816) 363-2814

Meetings at Baptist Medical Center, 66th and Rockhill Rd. on first  
Tuesday

MONTANA

Rattlesnake ACE\*  
c/o Tom Tucker  
PO Box 9457  
Missoula MT 59807

(406) 626-4410  
BBS (406) 777-3992

NEBRASKA

O-ACES (Omaha - Atari Computer Enthusiasts)  
PO Box 723  
Papillion NE 68046

Peter Killian (402) 592-542 or (402) 294-6232 (day)  
CompuServe User I.D. [72017,72], GENie: P.KILLIAN

Meetings on second and LAST Wednesday (except Nov/Dec when only 2nd Wed.)  
at La Vista Recreation Center, 8116 Parkview Blvd., La Vista, NE 68128

Dues: \$18.00/yr (AIM included in dues)

#### NEVADA

HSAUG\*  
PO Box 2152  
Sparks NV 89432

Michael O'Masey (702) 972-3659

#### NEW HAMPSHIRE

NASTUS  
c/o Don Peters  
51 Cheyenne Dr  
Nashua NH 03063

(603) 883-0347

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JACG\*  
PO Box 5206  
Newark NJ 07105-0206

(201) 241-4554

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Atari Computer User's Group Of Westchester\*  
4 Charlotte St  
White Plains NY 10606

Roland Herman (914) 946-4134

RACUG\*  
c/o Richard Bloch  
29 Riverglen Dr  
Thiells NY 10984

(914) 429-5283

LIAUG  
PO Box 92  
Islip NY 11751

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PO Box 511  
Delmar NY 12054

Joe Boggard (518) 785-4071  
BBS (518) 237-1232

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North Syracuse NY 13212-3218

Kenneth Wickert (315) 458-6077

Backstairs BBS (315) 458-0118

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Rochester NY 14692

Bruce Nelson (716) 334-5513

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c/o Donald Nelson  
Rt 3 Box 760  
Hillsborough NC 27278

(919) 942-2764

PTAUG  
PO Box 1073  
Greensboro NC 27402

Meetings are on the last Wednesday of each month (except July and December) Folk Recreation Center, 3910 Clifton Road, Greensboro NC 27402

Dues: \$15/yr  
President: Danny Hartman (919) 722-9902  
Co-sponsored by the Greensboro Parks & Recreation Department.

BRACE\*  
c/o Sheldon Winick  
40 Westgate Parkway #F  
Asheville NC 28806

(704) 251-0201

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19 Alpine Way  
Greenville NC 29609

(803) 292-2690

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CACE\*

PO Box 93034  
Cleveland OH 44101-5034

John Savarda

NOAH\*

c/o Doug Novak  
5538 Pearl Road  
Parma OH 44129

Doug Novak (216) 845-6260  
BBS (216) 582-1904

CINTARI

PO Box 14959  
Cincinnati OH 45214

Roger Miller (513) 367-6842  
Meetings 2nd Saturday

MVACE\*

PO Box 24221  
Dayton OH 45424

Joe Lovett (513) 847-3970

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STIE

c/o Steve Balch  
PO Box 161  
Nicoma Park OK 73066

(405) 340-9233

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Beaverton OR 97005

David Moore (503) 240-1913

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N Huntington PA 15642

Keith Krause (412) 834-5678

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PO Box 10562

Erie PA 16514-0562

Earl Hill (814) 833-9905

BBS (814) 833-4073

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Harrisburg PA 17108-1446

Richard Basso (717) 761-3755

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(215) 868-4856

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Allan Zaluda (215) 677-6751

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192 Webster Ave

Providence RI 02909

(401) 621-5359

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c/o Kenneth Kayl  
902 Virginia Ln  
Rapid City SD 57701

(605) 343-7289

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Phil Snider

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Knoxville TN 37923

(615) 691-4435  
BBS (615) 691-0113

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c/o Robert Pecora  
280 Capshaw Dr  
Cookeville TN 38501

(615) 528-7116

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PO Box 852016  
Richardson TX 75085-2016

Gary Sewell (214) 727-6567

DAL-ACE\*  
PO Box 851872  
Richardson TX 75085-1872

Rachel Duke (214) 429-6134

AAAUA\*  
PO Box 79-1426  
San Antonio TX 78279-1426

Al Sherrill (512) 492-6633

Atari ST Club of El Paso\*  
c/o Tim Holt

10953 Yogi Berra  
El Paso TX 79934

(915) 821-2048

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NOVATARI\*  
PO Box 4076  
Merrifield VA 22116

Earl Lilley (703) 281-9017

WACUG\*  
13408 Marumsco Dr  
Woodbridge VA 22191

Ron Dunn (703) 494-4260

GRASP\*  
c/o Thomas Marvin  
1420 Yale Ave  
Richmond VA 23224

(804) 233-6155

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c/o Buck Maddrey  
5425 Shenstone Cir  
Virginia Beach VA 23455

(804) 464-2100  
BBS (804) 495-3905

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Bellevue WA 98007

Joe Mraz (206) 747-2433

STDIO\*  
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904 N 33rd Pl  
Renton WA 98056

(206) 228-5303

STarBase\*  
c/o Steve Drake



8307 27th NW  
Seattle WA 98117

(206) 782-3691

R-AUG\*  
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Oak Harbor WA 98277

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c/o Tery Schreiber  
Box 2037  
Point Roberts WA 98281

(604) 943-4786

KCACE\*  
PO Box 2333  
Bremerton WA 98310

Bill Penner (206) 373-4840

SPSACE\*  
c/o Nick Berry  
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Tacoma WA 98411-0576

(206) 759-1473

SWAG\*  
PO Box 1515  
Vancouver WA 98668-1515

Allan Cokes  
BBS (206) 574-1146

Atari Association Of Desert Dwellers\*  
c/o Rick Raymond  
Rt 1 PO Box 5296  
Richland WA 99352

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c/o Peter Schefsky  
2714 South 11th Pl  
Sheboygan WI 53081

MAAUG\*

PO Box 14038  
West Allis WI 53214

Linda Heinrich (414) 421-2376

MASTUG\*  
PO Box 25679  
Milwaukee WI 53225

Bruce Welsch (414) 463-9662

CWAUG\*  
c/o Thomas Ptak  
217 S Schmidt Ave  
Marshfield WI 54449

(715) 387-4512

To add your user group to this listing, please send the following information to Lawrence Estep at the online service addresses listed at the top of this file, or on the Atari Scene! BBS (502) 456-4292. Your information will be confirmed via Electronic Mail, and will be added to the listing when the next update is made:

Group name  
Address

Name and phone number of contact person(s) Online service id(s) (if applicable) of contact person(s)

Meeting time(s)/location(s)

Support provided for which computers (8-bit, ST, etc.)

Additional information if available  
(Bulletin Board System number, newsletter information, yearly dues, etc.).

Thanks for helping to keep this listing as accurate as possible.

-Lawrence Estep  
Editor

CompuServe contacts: Lawrence Estep [71450,1050]  
Bill Marcum [72750,476]  
Genie contacts: L.ESTEP1 (Lawrence Estep)  
R.LINK1 (Rich Link)

=====

PRODUCT SOURCES FOR ATARI ENTHUSIASTS

=====

ATARI CORPORATION  
1196 Borregas Avenue  
Sunnyvale, CA. 94086  
(408) 745-2000  
Mft. Hardware/Software

Computer Studio  
40 Westgate Parkway  
Asheville, NC 28806  
(800) 253-0201  
Authorized Atari Dealer

ABCO Computer Electronics  
P.O. Box 6672  
Jacksonville, FL. 32221  
(800) 562-4037  
Full Line Dealer & Mass Storage

Gribnif Software  
P.O. Box 350  
Hadley, MA 01035  
(413) 584-7887  
NeoDesk-Turbo C-Stalker-Steno

Rising Star Computers  
P. O. Box 20038  
Dayton, OH 45420-0038  
(800) 252-2787  
Full Line Dealer

Horizon Computers  
695 S. Colorado Blvd., #10  
Denver, CO 80222  
(303) 777-8080  
Authorized Atari Dealer

A & D Software  
226 NW 'F' Street  
Grants Pass, OR 97526  
(503) 476-0071  
Universal Item Selector

ISD Marketing Inc.  
2651 John St., Unit #3  
Markham, Ontario, CA \*L3R 2W5  
(416) 479-1880  
Calamus, DynaCadd etc...

Alpha Systems  
1012 Skyland  
Macedonia, OH 44056  
(216) 467-5665  
16 and 8 bit Support

L & Y Computers  
13644c Jefferson Davis H'wy.  
Woodbridge, Va. 22191  
(703) 494-3444  
Atari products and Software

ASDE Inc.  
151 Rue Jolicoeur  
Hull, Quebec Canada J8Z1C8  
(819) 770-7681  
Geography Tutor etc...

Maxwell CPU  
2124 W. Centennial Dr.  
Louisville, CO 80027  
(303) 666-7754  
Expose - Silhouette

Atari Interface Magazine  
3487 Braeburn Circle  
Ann Arbor, MI 48108  
(313) 973-8825  
Atari Magazine and Monthly Disk

Step Ahead Software Inc.  
496-A Hudson Street Suite F39  
New York City, N.Y. 10014  
(212) 627-5830  
Tracker ST

B&C ComputerVisions  
3257 Kifer Road  
Santa Clara, CA 95051  
(408) 749-1003  
Atari Products & Supplies

Mars Merchandising  
1041b St. Charles Rd.  
Lombard Il.  
(817) 589-2950  
Atari Products & Accs.

Branch Always Software  
14150 N.E. 20th St.  
Bellevue, WA 98007  
(206) 885-5893  
Quick ST, Software

Best Electronics  
2021 The Alameda Suite 290  
San Jose, CA 95126  
(408) 243-6950  
THE Atari parts source & Supplies

Computer Garden  
WestSide Mall  
Edwardsville, PA 18704  
(800) 456-5689  
Discount Software

Carter Graphics & Computers  
914 W. Sunset Blvd.  
St. George, UT 84770  
(801) 628-6111  
Atari Products

CodeHead Software  
P.O. Box 74090  
Los Angeles, CA 90004  
(213) 386-5735  
Software Products "Codekeys"

Comput-Ability  
P.O. Box 17882  
Milwaukee, WI 53217  
(414) 357-8181  
Atari Products & Distributor

CompuServe Information Service  
P. O. Box 20212  
Columbus, OH 43220-0212  
(614) 457-0802  
Online Services

D.A. Brumleve  
607 West Illinois Street  
Urbana, IL 61801  
(217) 337-0674  
High Quality Kiddie Software

Debonair Software  
P.O. Box 521166  
Salt Lake City, UT 84152  
EL CAL The Math Machine  
Atari Support Products

Zephyr/STPlus  
P.O. Box 1197  
Berkeley, CA. 94701  
(800) 759-1110  
Atari Support Products

Lantech  
PO Box R  
Billerica, MA 01821  
(508) 667-9191  
10 Megabit Local Area Network

Migraph Inc.  
200 S. 333rd St.  
Federal Way, WA 98003  
(206) 838-4677  
Top Notch Graphical Products

MicroTyme  
4049 Marshall Road  
Kettering, OH 45429  
(800) 255-5835  
Discount Hardware & Software

Practical Solutions Inc.  
1135 N. Jones Blvd.  
Tucson, AZ 85716  
(602) 322-6100  
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Prospero Software  
100 Commercial St.  
Suite 306 Portland, ME 04101  
(207) 874-0382  
Software Products

Rio Datel Computers  
3430 E. Tropicana Ave., #65  
Las Vegas, NE 89121  
(800) 782-9110  
International Products

San Jose Computers  
640 Blossom Hill Road  
San Jose, CA 95123  
(408) 224-8575  
Atari Products

Seagate Technology  
920 Disc Drive  
Scotts Valley, CA 95066  
(800) 468-3472  
Hard Drive Mechanisms

Sideline Software  
840 NW 57th Court  
Fort Lauderdale, FL 33309  
(305) 771-9035  
International Software Source

SofTrek  
P.O. Box 5257  
Winter Park, FL 32793  
(407) 657-4611  
TurboST "The Software Blitter"

Double Click Software  
P.O. Box 741206  
Houston, TX 77274  
(712) 977-6520  
Software Developer

Duggan DeZign Inc.  
16 Oak Ridge Dr.  
West Warwick RI 02893  
(401) 826-2961  
"Designs with Fun in Mind!"

Fast Technology  
P.O. Box 578  
Amdover, MA 01810  
(508) 475-3810  
16Mhz 68000 Accelerator

Gadgets by Small  
40 W. Littleton Blvd.  
#210-211, Littleton, CO 80120  
(303) 791-6098  
Spectre GCR MAC Emulator

Goldleaf Publishing, Inc.  
700 Larkspur Landing Circle,  
Suite 199 Larkspur, CA 94939  
(415) 461-5703  
WordFlair Document Processor

Dr. Bobware  
180 N. Hazeltine Avenue  
Campbell, OH. 44405-1024  
(216) 743-4712  
MVG & Modules Graphics

GENie Information Services  
401 N. Washington Street  
Rockville, MD 20850-1785  
(800) 638-9636  
Online Services

Hayes Microcomputer Inc.  
705 Westech Drive  
Norcross, GA 30092  
(404) 662-7100  
Modems - TeleCom

ICD Inc.  
1220 Rock St.  
Rockford, IL. 61101-1437  
(815) 968-2228  
Hardware Peripherals

Innovative Concepts (I.C.)  
31172 Shawn Drive  
Warren, MI 48093  
(313) 293-0730  
Full Service Dealer

ST Informer  
909 NW Starlite Place  
Grants Pass OR 97526  
(503) 476-0071  
Monthly Newspaper

Strata Software  
94 Rowe Drive  
Kanata Ontario Canada K2L 3Y9  
(613) 591-1922  
Stalker/Steno TeleCom

Talon Technology  
243 N. Hwy. 101, Ste 11  
Solana Beach, CA 92075  
(619) 792-6511  
Supercharger IBM Emulator

Zubair Interfaces  
5243b Paramount Blvd.  
Lakewood CA. 90712  
(213) 408-6715  
Ass't Atari upgrades

Omnimon Peripherals Inc.  
One Tech Dr. Bldg. 1E, #301  
Irvine, CA 92718  
(714) 753-9253  
WuzTek Atari support products

Wiz Works!  
P.O. Box 45  
Girard, OH. 44420  
(216) 539-5623  
Image Cat - MugShot!

Taylor Ridge Books  
P.O. Box 48  
Manchester, Ct. 06040  
(203) 643-9673  
Cmanship 'C' programming

US ROBOTICS INC.  
8100 No. McCormick Blvd.  
Skokie, IL 60076  
(800) 982-5151  
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Soft Logik  
11131F S. Towne Sq.  
St Louis, MO 63123  
(314) 894-8608  
PageStream 2.1 DTP Software

Hybrid Arts Inc.  
8522 National Blvd.  
Los Angeles, CA 90232  
(213) 841-0340  
Software for the Musician

Mirrorsoft Ltd  
118 Southwark St.  
London, UK SE1 OSW  
011-43-928-1454  
UK Software Dev.

Supra Corp.  
1133 Commercial Way  
Albany, OR 97321  
(503) 967-9075  
Modems - Hard Drives

GT Software  
12114 Kirton Avenue  
Cleveland OH 44135  
(216) 252-8255  
Software Dev.

Word Perfect Corp.  
1555 Technology Way  
Orem, UT 84057  
(801) 222-5800  
Word Perfect wp

Spectrum HoloByte  
2061 Challenger Dr.  
Alameda, CA 94501  
(415) 522-3584  
Falcon F16 Software

STR International.  
PO Box 6672  
Jacksonville, FL 32205  
(800) 562-4037  
STReport Online Magazine

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> STReport's Editorial Page

"Saying it like it is."

From the Editor's Desk

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"Tis the season to be jolly...." well Christmas is almost upon us. Are you ready? I know I am not. It appears that most of the country is in a deep recession. But. Its just not happening in Florida. I don't know what's happened, but I'll tell you this much... I cannot keep enough product in stock. Atari computers, they're amazing! I can sell all I can get. I hear from dealers all over the country and the majority are running under very tight conditions. One said that no matter what, after this holiday season, he was going mail order only. He said he was tired of the massive overhead and cut throat lowballers that are seemingly "allowed" to clobber the real value in the entire Atari line. I sympathize with the man but I am overjoyed that he has seen the light. Mail order is the way to go if the value is to be enjoyed by both the dealer and the consumer.

Its true there are still a few low ball artists left in the Atari arena. They too, will fall. Everyone thought Griffin's deals were too good to be true, they were! They cut the margins so tight they choked. Why am I writing about this? Its easy, in the Atari world, there are some very good dealers, including mail order, who are fine, upstanding business people in the Atari community. These dealers are continually faced with the prospect of investing in inventory, in hopes of serving the Atarian, only to have its value trashed by some "wiseguy" looking to turn a quick buck. You know the kind, they'll undersell anyone and seem to take a sinister joy in doing so. According to our information, Atari knows about the few left in this arena who are very busy viciously lowballing. Of course, the other dealers are getting the impression that Atari is helpless in this matter. The real reason could possibly come under "restraint of trade" or so some would like us to think. Here is a positive tidbit, there are a number of dealers who have recently formed an

alliance in hopes of crushing the lowballers by "beating them at their own game". It should get very interesting. At least the users will enjoy the 'learn a lesson sessions'.

In this issue we have the FANTASTIC ANNOUNCEMENTS BY CODEHEAD detailing more of the superb support they afford the userbase. TOS 2.06 for everyone! And the continued support for Quick ST. CODEHEAD IS SURE TO BE THE FOLKS FOR YOU IN '92!

Happy Holidays!

Ralph.....

\*\*\*\*\*

> STR Mail Call                    "...a place for folks to be heard"  
=====

STReport's MailBag  
=====

Conf : STReport Online  
Msg# : 17272/17274   Lines: Extended   Read: 1  
Sent : Dec 12, 1991   at 9:01 AM  
To : Rob Danskin at Fnet Node 1046  
From : Ralph Mariano  
Subj : Re: <17251> Software Standards

In message 350/3/17251, Rob Danskin writes:

Has anyone noticed lately, that software, in particular games software, seems to be falling in it's general quality on the ST? At the recent Computer Shopper show in London, I bought Deuterios, as I was a big fan of Millenium 2.2 - Yesterday I started playing the game in earnest, and about 3 hours into it, I was treated to a complete computer crash, where it looked like the game dropped into 'debug' mode...

Lucky for me I had recently saved my position, but it looks like a bug that only occurs when you try to land colonists onto the Moon.

I've noticed other games recently that have lower standards than usual, take Railroad Tycoon, I spent 35 pounds on that, ( about \$65 ) - then I find that it won't work correctly on any ST over 1mb in size... at least Microprose have produced a fix program that stops the game from producing two bombs when the mouse pointer hits the bottom of the screen display!

But I am beginning to wonder what's happening on the ST scene... standards seem to be dropping, I'm of the opinion that some companies don't even test their software through before releasing it anymore..

Has anyone else experienced problems like this with ST software ?

Reply;

Rob....

Please be advised, the symptoms you are observing are indeed the the actions of companies who have lost a great deal of regard for a 'given platform'. This type of behavior on the part of many third party suppliers and developers has been symptomatically evident throughout the electronics industry, especially with calculators & computers. This only seems to occur when a given marketplace is in the process of "imploding".

In most recent observations of other "brand name" computer collapses, this is a most familiar "early warning" sign. The next 6-8 months will carry the inevitable "tale of the tape". Atari must make some very serious and widespread changes in the manner in which it does business in the computer world. Else, the "handwritin is on the wall". It sad.. but oh... so true.

The three Tramiel kids have made a blistering shambles of the company through the years. Hopefully their "learning curve" is behind them. I think not. It is still quite evident that the politics and vengefull retaliation perpetrated by them upon \_any\_ entity or person critical of them is still the "order of the day". Unfortunately, as long as their energies and efforts are misguided in these "dead end" directions they are doomed to utter failure. Will they ever wake up? Hard to say. Even the plummeting of the value of Atari stock to 1.58 per share has done nothing to give rise to visible improvement.

Ralph @ STReport

Thursday, December 12, 1991 - 8:59:26 am

13-DEC-1991 00:35:33.24

From: a Delphi User

To: RMARIANO

CC:

Subj: bug in TOS

I got wind of a possible bug in TOS (no versions given, though I assume 1.0 - at least 1.62) that gives STalker and other term programs fits. I would appreciate it if you could include this in an upcoming STR to prod Atari into doing something about it. They barely will acknowledge it's existence, though it was pointed out to them in 1987 or 88 by the author of some programs for the ST, who even wrote a short program that reproduced the problem with 100% accuracy.

The problem, in STalker 3.0 anyways, is a flashing menu bar. It's caused if the STalker user has the sounds set to off, because STalker wanted to sound the bell but isn't allowed to. The bell is to tell you that STalker isn't ignoring you, it's just busy at this time. (this happens if you are typing or doing other things while STalker is uploading). It sometimes happens if you're just moving the mouse or even doing nothing! The reason for the 'phantom typist' is the TOS bug - a conflict between some of the interrupt handlers; particularly RS232 output and possibly vertical blank (VBL). Atari has yet to even try to address it and will barely acknowledge that it even exists, yet many users have



continuously had this problem at one time or another.

STalker is particularly susceptible to this because it is GEM-based and leaves the mouse on. Other programs like Flash and XYZ could have the problem if you could get the mouse pointer to stay on.

I ask that you print this in hopes of getting readers to email Atari and urge them to do something about it. I also ask that I be referred to as "a Delphi user" or something like that. Thanks.

Reply;

Mr. User,

It appears that the new 2.06/3.06 should have these aggravations corrected in them. The upgrades are available now to everyone, even owners of older ST computers. Elsewhere in this issue the details of the upgrade are explained fully. Hopefully, your problem will be addressed and corrected. If not, please let us know.

STReport's Staff

The regulars and this week's contributors!

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AMIGA DIVISION

MAC DIVISION

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R. ALBRITTON

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IMPORTANT NOTICE

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Please, submit letters to the editor, articles, reviews, etc...  
via E-Mail to:

Compuserve..... 70007,4454  
GEnie..... ST.REPORT

Delphi..... RMARIANO  
BIX..... RMARIANO  
FIDONET..... 112/35  
FNET..... NODE 350  
NEST..... 90:19/350.0

---

> STReport CONFIDENTIAL "Reporting ABOUT Atari...not FOR Atari!"  
=====

\* "Rumors - Tidbits - Predictions - Observations - Hot Tips" \*  
=====

This week our "super snoop" sent in that the revolving door is busy, once again, at Atari. Seems David Harris has left. As has Simon Westbrook who recently came here from the UK with his wife and four children. Seems the words "family operation has a special meaning at Atari as there is an ever increasing number of husband and wife teams working together at Atari. The Millers and the Boconnis. Also, it seems the ever elusive 520 STe units are now in the warehouse. At the same time we are told the new bundles that are shipping are, to some dealers, a letdown. They are complaining the software is all version 1 or original carrying copyright dates of 1985. ... more next week

---

> A "Quotable Quote"  
=====

"IMITATION & DUPLICATION ARE..  
...THE VERY HIGHEST FORMS OF FLATTERY!"

....Ziggy Zagnut

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> ABCO SPECIALS! STR InfoFile      \* NEW HOLIDAY Prices! MORE Products! \*  
=====                              \*\*\* SUPER \*\*\* HOLIDAY SPECIALS!

\*\* EFFECTIVE IMMEDIATELY! \*\*

NOTICE: ABCO will beat or match \* ANY \* Invoiced price.  
We will \_NOT\_ be undersold!

ABCO COMPUTER CONSULTANTS  
P.O. Box 6672 Jacksonville, Florida 32236-6672  
Est. 1985

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Voice: 904-783-3319 10 AM - 4 PM EDT  
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HARD DISK SYSTEMS TO FIT EVERY BUDGET

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All systems are complete and ready to use, included at NO EXTRA COST  
are clock/calendar and cooling blower(s).

\*-ALL ABCO HARD DISK SYSTEMS ARE FULLY EXPANDABLE-\*  
(you are NOT limited to two drives)  
(all cables and connectors installed)  
- Available for all Platforms -

\* ICD HOST ADAPTERS USED EXCLUSIVELY \* OMTI HIGH SPEED CONTROLLERS \*  
\* ICD ADSCSI+ HOST ADAPTERS \* FULL SCSI COMMAND SET SUPPORTED \*  
\* SCSI EMBEDDED CONTROLLER MECHANISMS \*

-- QUANTUM: THE "ROLLS ROYCE" OF HARD DRIVES --

WE PAY SHIPPING & INSURANCE!!! >UPS!<  
(Cont. USA)  
Deluxe 2 bay Cabinet w/65w auto-switching PS

TIME PROVEN to be the most reliable!

Model	Description	Autopark	Price
SGN4951	51Mb 24ms 3.5" Y		439.00
SGN6277	65Mb 28ms 5.25" Y		469.00
SGN1096	85Mb 28ms 5.25" Y		549.00
SQN2055	105mb 12ms 3.5" Y		599.95
SQN1296	210Mb 12ms 3.5" Y		879.00

=====

FULLY ASSEMBLED SCSI DRIVES DEDUCT \$60.00  
ADD \$35.00 for 4 BAY SUPER CABINET w/250+w PS  
EXOTIC TOWER CABINETS AVAILABLE Call for Info!  
PLEASE NOTE: The above is partial listing only!

FULLY ASSEMBLED SCSI DRIVES DEDUCT \$60.00  
ADD \$35.00 for 4 BAY SUPER CABINET w/250+w PS  
EXOTIC TOWER CABINETS AVAILABLE Call for Info!

PLEASE NOTE: The above is partial listing only!

CPU ACCELERATOR & MEMORY UPGRADES AVAILABLE & INSTALLED

>> ABCO proudly offers the fabulous 1040 & MEGA STe Computers <<  
Call for ABCO's Introductory prices!

ATARI COMPUTERS \* STILL THE BEST VALUE!

If you don't see what you want listed here, call us.

Odds are, we either have it or, can get it for you!

\* GUARANTEED \* AT THE BEST POSSIBLE PRICE!

\*\* 800-562-4037 \*\*

"We service what we sell"

\*\*\*\*\* SPECIAL - SPECIAL \*\*\*\*\*

\* SYQUEST 44MB (#555) >> ABCOFILE "44" << REMOVABLE MEDIA DRIVE \*

- SYQUEST 44 MB DRIVE
- ICD Utility Software
- Fan & Clock
- ICD ST ADSCSI PLUS H/A
- 3' DMA Cable
- Multi-Unit Power Supply

(1) 44 MB Syquest Cart.

--->> SPECIAL! NOW ONLY \_\_\$ 645.00\_\_ <<---

\*\*\*\* SCSI UNITS -> ONLY \$549.00 \*\*\*\*

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(Cont. USA)

COMPLETELY ASSEMBLED AND READY TO RUN!

Cart and Utility Software Included!

EXTRA CARTS: \$ 74.50

DRIVE MECH ONLY: \$ 349.95

\*\*\*\*\* SPECIAL - SPECIAL \*\*\*\*\*

\* TWIN SYQUEST 44MB REMOVABLE MEDIA DRIVES ... PROGRAMMER'S DELIGHT \*

SPECIALLY PRICED \*\* \$995.95.00 \*\*

Includes: \* TWO \* cartridges!

\* SYQUEST 44MB REMOVABLE MEDIA DRIVE AND HARD DRIVE COMBINATIONS \*

- Syquest 44 Model [555] and the following hard drives -

\*\* 50mb SQG51S \$789.00 105mb SQG105S \$989.00 \*\*

LOWBOY - STANDARD - DUAL BLOWER CABINETS

CUSTOM CONFIGURATIONS AVAILABLE

\*\* ANNOUNCING THE NEW! -> ABCO CD-ROM! \*\*

:Special Introductory offer:

ABCO CD-ROM \$389.95 (limited time only)

Listed above are a sampling of the systems available.

Prices also reflect various cabinet/power supply configurations  
(over sixty configurations are available, flexibility is unlimited)

\* IBM - MSDOS - AMIGA - ATARI - APPLE - MACINTOSH \*

ALL UNITS COMPATIBLE WITH --> SUPERCHARGER - AT/PC SPEED - GCR

LARGER units are available - (Custom Configurations)

\*>> NO REPACKS OR REFURBS USED! <<\*

- Custom Walnut WOODEN Cabinets - TOWER - AT - XT Cabinets -

Atari SLM 804, SLM 804PCV Laser Toner Kits

Memorex 2108, 5287

Oasys Laserpro 5287, 5308, Express 830, Express Series II

Silver Express, Gold Express

\*\* \$41.95 shipping Included \*\*

Atari SLM 605 Laser Toner Kits

AT&T 593, CAF Laser, DSI Laser, DTP Systems, Epson EPL-6000

Facit P6060, Fontx Syslaser, Harris3M 2006, M-Tally MT905

Microtek Turbo PS, OAS Laserpro Executive, Packard Bell 9500

TEC LB 1305, Toshiba PageLaser 6

\*\* \$41.95 shipping included \*\*

(TWO Toner Carts Incl.)

Panasonic Laser Toner Kits

Panasonic KX -P 400 series, Panafax UF-750 Facimile

\*\* \$41.95 shipping included \*\*

-- ALL TONER KITS \* IN STOCK \* --

\* Toner Starter Kits-\$62.95 \*

\* Replacement (804) Drums-\$186.95 \*

ABCO's Replacement Toner Advantages

=====

A Few Pointers about the NEW and SUPERIOR replacement Toner Cartridges  
from ABCO Computers.

#### Quality

-----

- o Better density the OEM Toner under all testing conditions.  
(AVG 1.40-1.50)
- o Formulation completely compatible with the OEM initial toner and  
supply toner. This replacement Toner may be added to the Laser  
Printer along with OEM initial toner or supply toner.
- o The NEW replacement initial toner will maintain a high level of  
quality "much longer" using the replacement toner.
- o Much smaller drop in density is realized when printing in the  
continuous mode.

#### Test Pattern:

10 graphic pages

1000 text pages (3 alternating pages)

#### Time Schedule:

330 prints continuously

1 hour pause, 3-4 times a day

normally 1000 copies a day

maximum 1400 copies a day

	OEM ---	ABCO'S NEW STANDARD -----
Density	1.30 - 1.40	1.40 - 1.50
Yield	92.1 g/1000 copies	95.3 g/1000 copies
Waste toner	20.3 g/1000 copies	14.3 g/1000 copies
Transfer Rate	78%	85%

>> MANY other ATARI related products STOCKED <<  
ALL POWER SUPPLIES UL APPROVED

-\* 12 month FULL Guarantee \*-  
(A FULL YEAR of COVERAGE)

WE PAY SHIPPING & INSURANCE! >UPS!<  
(Cont. USA)  
QUANTITY & USERGROUP DISCOUNTS AVAILABLE!

DEALERS and DISTRIBUTORS WANTED!  
please, call for details

Personal and Company Checks are accepted.

ORDER YOUR NEW UNIT TODAY!

CALL: 1-800-562-4037    --\*\*==    CALL: 1-904-783-3319  
Customer Orders ONLY    Customer Service  
9am - 8pm EDT  
Tues thru Sat

ABCO is EXPANDING!!    CALL FOR INFORMATION!

GOOD NEWS!  
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ABCO Computer Consultants now has a SUPER computer goodies catalog available. Drop us a note and we will mail your copy to you! You'd be surprised at the variety of products we offer at substantial savings. Don't wait! Send for your catalog now and get the great Christmas Discount Coupons. It'll make Santa feel great about the holidays!

ABCO COMPUTER CONSULTANTS  
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